

Comparisons of Job Characteristics

Focus Occupation: [First-Line Supervisors of Production and Operating Workers \(51-1011\)](#)

Associated Occupation: [Structural Metal Fabricators and Fitters \(51-2041\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

| | |
|----|--|
| << | Focus occupation element is much lower |
| < | Focus occupation element is lower |
| 0 | Focus occupation element is at a similar level |
| > | Focus occupation element is at a higher level |
| >> | Focus occupation element is at a much higher level |

Knowledge

Similarity of Focus Occupation to Associated Occupation: 56

Focus Occupation: First-Line Supervisors of Production and Operating Workers (51-1011)

Associated Occupation: Structural Metal Fabricators and Fitters (51-2041)

| Associated Occupation's Key Knowledge Elements | Average Rating, All Occupations | Associated Occupation's Rating | Focus Occupation's Rating | Evaluation of Focus Occupation |
|--|---------------------------------|--------------------------------|---------------------------|---|
| Design | 5.2 | 10.3 | 6.5 | << Extensive education and/or training may be required |
| Mechanical | 6.8 | 8.6 | 10.9 | > Current knowledge level is likely sufficient |
| Building and Construction | 4.0 | 6.9 | 2.6 | << Extensive education and/or training may be required |
| Production and Processing | 6.0 | 6.9 | 17.4 | >> Current knowledge level is likely more than sufficient |
| Engineering and Technology | 5.7 | 6.2 | 8.3 | >> Current knowledge level is likely more than sufficient |

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 70

Focus Occupation: First-Line Supervisors of Production and Operating Workers (51-1011)

Associated Occupation: Structural Metal Fabricators and Fitters (51-2041)

| Associated Occupation's Key Skills Elements | Average Rating, All Occupations | Associated Occupation's Rating | Focus Occupation's Rating | Evaluation of Focus Occupation |
|---|---------------------------------|--------------------------------|---------------------------|---|
| Operation and Control | 5.4 | 5.9 | 5.1 | < A higher skill level may be required |
| Installation | 1.7 | 2.0 | 1.0 | << Extensive development of skills in this area may be required |

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities

Similarity of Focus Occupation to Associated Occupation: 60

Focus Occupation: First-Line Supervisors of Production and Operating Workers (51-1011)
Associated Occupation: Structural Metal Fabricators and Fitters (51-2041)

| Associated Occupation's Key Abilities Elements | Average Rating, All Occupations | Associated Occupation's Rating | Focus Occupation's Rating | Evaluation of Focus Occupation | |
|--|---------------------------------|--------------------------------|---------------------------|--------------------------------|--|
| Visualization | 7.5 | 10.1 | 8.1 | < | Some improvement in abilities may be required |
| Trunk Strength | 5.7 | 9.5 | 5.5 | << | Extensive improvement in abilities may be required |
| Manual Dexterity | 6.5 | 9.2 | 6.0 | << | Extensive improvement in abilities may be required |
| Static Strength | 5.0 | 8.3 | 5.3 | << | Extensive improvement in abilities may be required |

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 52

Focus Occupation: First-Line Supervisors of Production and Operating Workers (51-1011)
Associated Occupation: Structural Metal Fabricators and Fitters (51-2041)

| Work Activities | Exclusivity of Activity |
|--|-------------------------|
| Direct and coordinate activities of workers or staff | 3 |
| Examine products or work to verify conformance to specifications | 15 |
| Read blueprints | 10 |
| Read technical drawings | 7 |
| Read work order, instructions, formulas, or processing charts | 9 |
| Understand technical operating, service or repair manuals | 6 |

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 55

Focus Occupation: First-Line Supervisors of Production and Operating Workers (51-1011)
Associated Occupation: Structural Metal Fabricators and Fitters (51-2041)

| Tools and Technologies | Exclusivity |
|--|-------------|
| Computers | 1 |
| Content authoring and editing software | 1 |
| Data management and query software | 1 |
| Finance accounting and enterprise resource planning ERP software | 2 |

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.